

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 09/509,298
ATTORNEY DOCKET NO. Q58185

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from the customer computer, said architecture using time slots left available by the deterministic traffic of the industrial local area network without disturbing priority message traffic related to real time process control.

2. *(Amended)* The time-shared communications architecture according to claim 1, further comprising a plurality of programmed site units which comprise at least one cluster, wherein the at least one cluster comprises a cluster local area network of a bus type specific to the at least one cluster and which connects the at least one cluster to at least one shared programmed unit serving as a gateway or as a router to said industrial local area network.

3. *(Amended)* A method of communicating information for an industrial process control system, wherein digitized information required to control an industrial process is interchanged in real time over at least one site network between at least one site device and a programmed operating unit, said method using available time slots provided over the site network by the deterministic interchange mode without disturbing priority message traffic related to said industrial process.

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Please add the following new claims:

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4. (New) The time-shared communications architecture according to claim 1, wherein said predetermined protocol stack is an HTTP/TCP/IP protocol stack.

5. (New) The time-shared communications architecture according to claim 2, further comprising at least one of a process control operation platform, a supervision operation main station or a process computer coupled to said industrial local area network.

6. (New) The time-shared communications architecture according to claim 2, further comprising at least one of a router or a gateway that couples said industrial local area network to an external network.

7. (New) The time-shared communications architecture according to claim 2, wherein at least one of said plurality of programmed site units comprises a HTTP server, said HTTP server responding with an optionally interactive computer document if a request is received by said HTTP server.

8. (New) The time-shared communications architecture according to claim 7, wherein said request comprises the insertion or the extraction of parameters or variables stored in said programmed site unit that includes said server.

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9. (*New*) The time-shared communications architecture according to claim 2, wherein at least one of said plurality of programmed site units comprises a HTTP server, said HTTP server responding with an optionally interactive computer document if a request is received by said HTTP server.

10. (*New*) The time-shared communications architecture according to claim 9, wherein said request comprises the insertion or the extraction of parameters or variables stored in said programmed site unit that includes said server.

11. (*New*) The method of communicating information as claimed in claim 3, said method further comprises storing information on said at least one site device.

12. (*New*) The method of communicating information as claimed in claim 11, said method further comprises allowing a user to access said stored information through said site network, wherein said programmed operating unit is connected to an external network.

13. (*New*) The method of communicating information as claimed in claim 3, said method further comprises storing information on said programmed operating unit.

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14. (*New*) The method of communicating information as claimed in claim 13, said method further comprises allowing a user to access said stored information through said site network, wherein said programmed operating unit is connected to an external network.
